

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or

12464 Proposed Alternative Method Permit or Closure Plan Application OIL CONS. DIV. DIST. 3

Type of action: ☐ Below grade tank registration
43-21226 ☐ Permit of a pit or proposed alternative method
43-21227 ☒ Closure of a pit, below-grade tank, or proposed alternative method
☐ Modification to an existing permit/or registration
☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

DEC 15 2014

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: WPX Energy Production, LLC. OGRID #: 289408
Address: PO Box 640/721 S Main Aztec, NM 87410
Facility or well name: Chaco 2206-05A #436H & Chaco 2206-05A #437H (FKA Aztec Oil Syndicate 1H & Aztec Oil Syndicate 2H)
API Number: 30-043-21226 & 30-043-21227 OCD Permit Number: 12003
U/L or Qtr/Qtr A Section 05 Township 22N Range 06W County: Sandoval
Center of Proposed Design: Latitude 36.1722805°N Longitude 107.4838269°W NAD: ☐ 1927 ☒ 1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☒ Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☒ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☒ yes ☐ no
☒ Lined ☐ Unlined Liner type: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other
☒ String-Reinforced
Liner Seams: ☒ Welded ☒ Factory ☐ Other Volume: 8,000 bbl Dimensions: L 130' x W 75' x D 12'

3.
☐ Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: bbl Type of fluid:
Tank Construction material:
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other

4.
☐ Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)
☐ Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☒ Alternate. Please specify: 4' hog wire with one strand of barbed wire on top

6.

Netting: Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

☐ Screen ☐ Netting ☐ Other _____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☒ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.

- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

☐ Yes ☒ No
☐ NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☒ No
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)**

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☒ No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☒ No

Within an unstable area. **(Does not apply to below grade tanks)**

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☒ No

Within a 100-year floodplain. **(Does not apply to below grade tanks)**

- FEMA map

☐ Yes ☒ No

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☒ No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 100 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Temporary Pit Non-low chloride drilling fluid

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Permanent Pit or Multi-Well Fluid Management Pit

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☒ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☒ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ A List of wells with approved application for permit to drill associated with the pit.
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- ☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H₂S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC

Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type: ☒ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit
☐ Alternative
- Proposed Closure Method: ☒ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☒ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC

Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

| | |
|---|--|
| Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance | |

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☒ No

Within the area overlying a subsurface mine.

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☒ No

Within an unstable area.

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☒ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☒ No

16.

On-Site Closure Plan Checklist: (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☒ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☒ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☒ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.

Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.

OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Jonathan O. Kelly Approval Date: 12/23/2014

Title: Compliance Officer OCD Permit Number: _____

19.

Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ Closure Completion Date: 10/20/2014

20.

Closure Method:

- ☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
- ☐ If different from approved plan, please explain.

21.

Closure Report Attachment Checklist: *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☒ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☒ Waste Material Sampling Analytical Results (required for on-site closure)
- ☒ Disposal Facility Name and Permit Number
- ☒ Soil Backfilling and Cover Installation
- ☒ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.1722805°N Longitude 107.4838269°W NAD: ☐ 1927 ☒ 1983

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Mark Heil Title: Regulatory Specialist

Signature:  Date: 12/11/2014

e-mail address: mark.heil@wpenergy.com Telephone: 505-333-1806

WPX Energy Co., LLC
San Juan Basin: New Mexico Assets
Temporary Pit Excavation and Removal
Closure Plan

In accordance with Rule 19.15.17.13 NMAC, the following plan describes the general closure requirements of Temporary Pits on WPX Energy Co, LLC (WPX) locations in the San Juan Basin of New Mexico. This is NOT WPX's standard closure procedure for all Temporary Pits regulated under Rule 19.15.17 NMAC and operated by WPX. For those closures which do not conform to this standard closure plan, a separate Temporary Pit specific closure plan will be developed and utilized.

Closure Conditions and Timing for Temporary Pit:

- Within 72 Hrs or 1 week prior to closure WPX will:
 - Give notice to Surface owners by certified mail. For public entities by email as specified on the variance page.
 - Give notice to District Division verbally and in writing/email
- Within 6 months of cessation of operation WPX will:
 - Excavate & Remove the contents of the Temporary Pit and dispose, recycle, reuse, or reclaim in a division approved manner
 - Remove unused onsite equipment associated with the Temporary Pit
- Within 60 Days of Closure WPX will:
 - Send the District Division a Closure Report per 19.15.17.13.F

General Plan Requirements:

1. As a variance, and prior to initiating any Temporary Pit Closure except in the case of an emergency, WPX will notify the surface owner of the intent to close the Temporary Pit by email (not certified mail) no later than 72 hours or 1 week before closure and a copy of this notification will be included in the closure report. In the case of an emergency, the surface owner will be notified as soon as practical.

The BLM, the surface owner, was not notified properly by WPX. The original notification sent by Logos on (7/2/14). However, the pit was not closed within 72 hours of this notification. The BLM was notified verbally and onsite, during visitation for facility placement. A sundry was submitted to the BLM that implied placement of the facilities over the location of the pit (9/23/2014). Since WPX Energy was not compliant in giving notification to the surface owner, communication has been made to all personnel responsible for closing temporary pit. For all future pit closures, BLM will be included in the same email as NMOCD for this notification.

2. Notice of Closure will be given to the Aztec District office between 72 hours and one week of the scheduled closure via email or phone. The notification of closure will include the following:
 - Operators Name (WPX)
 - Well Name and API Number
 - Location (USTR)

The Aztec District Office of NMOCD was notified by email using a format acceptable to the District. Copies of the notification from Abode Contractors on (9/29/14) is attached.

3. All free standing liquids will be removed from the pit at the start of the closure process. Liquids will be removed in a manner that the appropriate District Office approves including; recycled, reused, reclaimed, evaporated, and/or disposed of in a Division-approved facility. Once all free liquids are removed, the pit contents will be excavated and hauled to Envirotech, Inc. Soil Remediation Facility, #43 Rd 7175 (Permit Number NM-01-0011). The pit liner shall be removed after stabilization. Care will be taken to remove all of the liner (I.e. anchored material), which will be disposed of at a licensed disposal facility (San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426).

Free liquids were not present at the reserve pit following the completion rigoff and no liquids were hauled.

The liner to the temporary pit was removed above the "mud level" once stabilized. Removal of the liner consisted of manually cutting the liner and removing all remaining liner material. Pit contents were hauled to Envirotech, Inc. Soil Remediation Facility, #43 Rd 7175 (Permit Number NM-01-0011) on (10/8/2014). All liner was disposed of at the San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426.

4. Any equipment associated with the Temporary Pit that is no longer required for some other purpose, following the closure will be removed from the location.

All equipment associated to the temporary pit was removed on (10/20/2014).

5. Following removal of the Contents of the pit and liner material, WPX will test the soils beneath the Temporary Pit as follows:
- At a minimum, a five-point composite sample will be taken to include any obvious stained or wet soils or any other evidence of contamination.
 - The laboratory sample shall be analyzed for the constituents listed in Table I of 19.15.17.13

A five-point composite sampling procedure was conducted using sampling tools and the sample was tested per 19.15.17.13(B)(1)(b) NMAC. Results are shown in Table 1 and lab reports are attached. Samples were taken and sent to Envirotech on (10/8/14). Results were obtained from Envirotech on (10/10/14) and shown in Table 1.

| Table I Closure Criteria for Soils Beneath Below-Grade Tanks, Drying Pads Associated with Closed-Loop Systems and Pits where Contents are Removed | | | | |
|--|-------------|----------------------------------|--------------|------------|
| Depth below bottom of pit to groundwater less than 10,000 mg/l TDS | Constituent | Method* | Limit** | Pit |
| ≤50 feet | Chloride | EPA 300.0 | 600 mg/kg | |
| | TPH | EPA SW-846 Method 418.1 | 100 mg/kg | |
| | BTEX | EPA SW-846 Method 8021B or 8260B | 50 mg/kg | |
| | Benzene | EPA SW-846 Method 8021B or 8015M | 10 mg/kg | |
| 51-100 feet | Chloride | EPA 300.0 | 10,000 mg/kg | |
| | TPH | EPA SW-846 Method 418.1 | 2,500 mg/kg | |
| | GRO+DRO | EPA SW-846 Method 8015M | 1,000 mg/kg | |
| | BTEX | EPA SW-846 Method 8021B or 8260B | 50 mg/kg | |
| | Benzene | EPA SW-846 Method 8021B or 8015M | 10 mg/kg | |
| > 100 feet | Chloride | EPA 300.0 | 20,000 mg/kg | 23.4 mg/kg |
| | TPH | EPA SW-846 Method 418.1 | 2,500 mg/kg | 83.9 mg/kg |
| | GRO+DRO | EPA SW-846 Method 8015M | 1,000 mg/kg | ND |
| | BTEX | EPA SW-846 Method 8021B or 8260B | 50 mg/kg | ND |
| | Benzene | EPA SW-846 Method 8021B or 8015M | 10 mg/kg | ND |

(1) Or other test methods approved by the division

(2) Numerical limits or natural background level, whichever is greater
(19.15.17.13 NMAC-Ro, 19.15.17.13 NMAC 3/28/2013)

6. If the Division and/or WPX determine there is a release, WPX will comply with 19.15.17.13.C.3b

WPX determined that no release occurred within the time that the temporary pit was in existence.

7. Upon Determination that no Release has occurred, the excavation will be backfilled with non-waste earthen material compacted and covered with a minimum of one foot of top soil or background

thickness whichever is greater and to existing grade. The excavation area will be used for facilities and re-contouring will be conducted at the plug and abandonment of the well. At that time, the surface will be re-contoured to match the native grade and prevent ponding.

WPX backfilled the pit on (10/20/14) with non-waste earthen material compacted and covered with a minimum of one foot of top soil or background thickness whichever was greater and to existing grade. The excavation area was used for the area of facility placement. WPX plans to re-contour immediately after plug and abandonment of the well. At that time, the surface will be re-contoured to match the native grade and to prevent ponding.

8. For those portions of the former Temporary Pit area no longer required for Drilling activities, WPX will seed the disturbed areas the first favorable growing season after the Temporary pit is covered. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division-approved methods. WPX will notify the Division when reclamation and re-vegetation is complete.

Reclamation of the Temporary Pit shall be considered complete when:

- Vegetative cover reflects a life form ratio of +/- 50% of pre disturbance levels
 - Total percent plant cover of at least 70% of pre-disturbance levels (Excluding noxious weeds)
- OR
- Pursuant to 19.15.17.13.H.5d WPX will comply with obligations imposed by other applicable federal or tribal agencies in which their re-vegetation and reclamation requirements provide equal or better protection of fresh water, human health and the environment.

Seeding conditions have not yet been found to be favorable for the well pad.

9. For those portions of the former Temporary Pit area required for production activities, reseeding will be done at well abandonment, and following the procedure noted above.

No portion of the covered pit area was outside of the facilities area. Therefore, reclamation and re-vegetation were not conducted within the area where the temporary pit occurred. Reseeding of this area will be conducted at plug and abandonment of the well pad.

District I
1625 N. French Drive, NM 87505, NM 87500
Phone (505) 393-5181 Fax (505) 393-0730

District II
611 S. Palmar Street, Artesia, NM 88210
Phone (505) 746-1283 Fax (505) 746-9780

District III
1000 Rio Grande Road, Aztec, NM 87410
Phone (505) 334-5178 Fax (505) 334-6170

District IV
1625 S. St. Francis Drive, Santa Fe, NM 87505
Phone (505) 476-3450 Fax (505) 476-3432

State of New Mexico
Energy, Minerals & Natural Resources Department

Form G-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

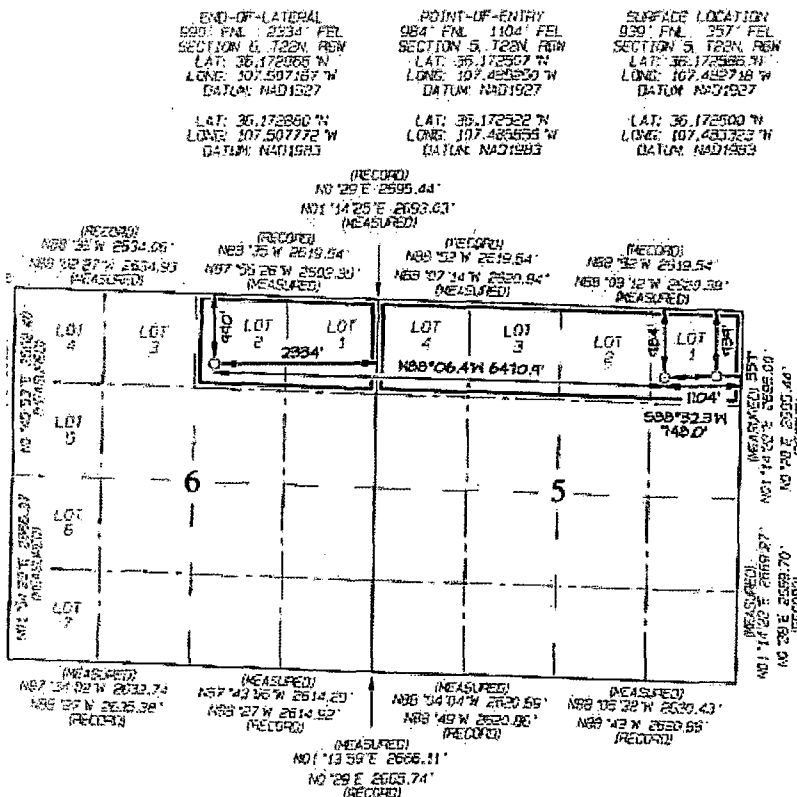
| | | | | | |
|-----------------------------|--|--|--|------------------------------|---------------------|
| *API Number 30-043-21226 | | *Pool Code 42289 | | *Pool Name LYBROOK GALLUP | |
| *Property Code 313649 | | *Property Name AZTEC OIL SYNDICATE | | | *Well Number JH |
| *GASIS No 120762 | | *Operator Name WPX ENERGY PRODUCTION, LLC | | | *Elevation 7125' |

| 10 Surface Location | | | | | | | | | |
|---------------------|---------|----------|-------|--------|---------------|------------------|---------------|----------------|----------|
| 1/4 of the sec | Section | Township | Range | Lot 34 | Feet from the | North/South line | Feet from the | East/West line | County |
| 4 | 5 | 22N | 6N | 1 | 939 | NORTH | 357 | EAST | SANDOVAL |

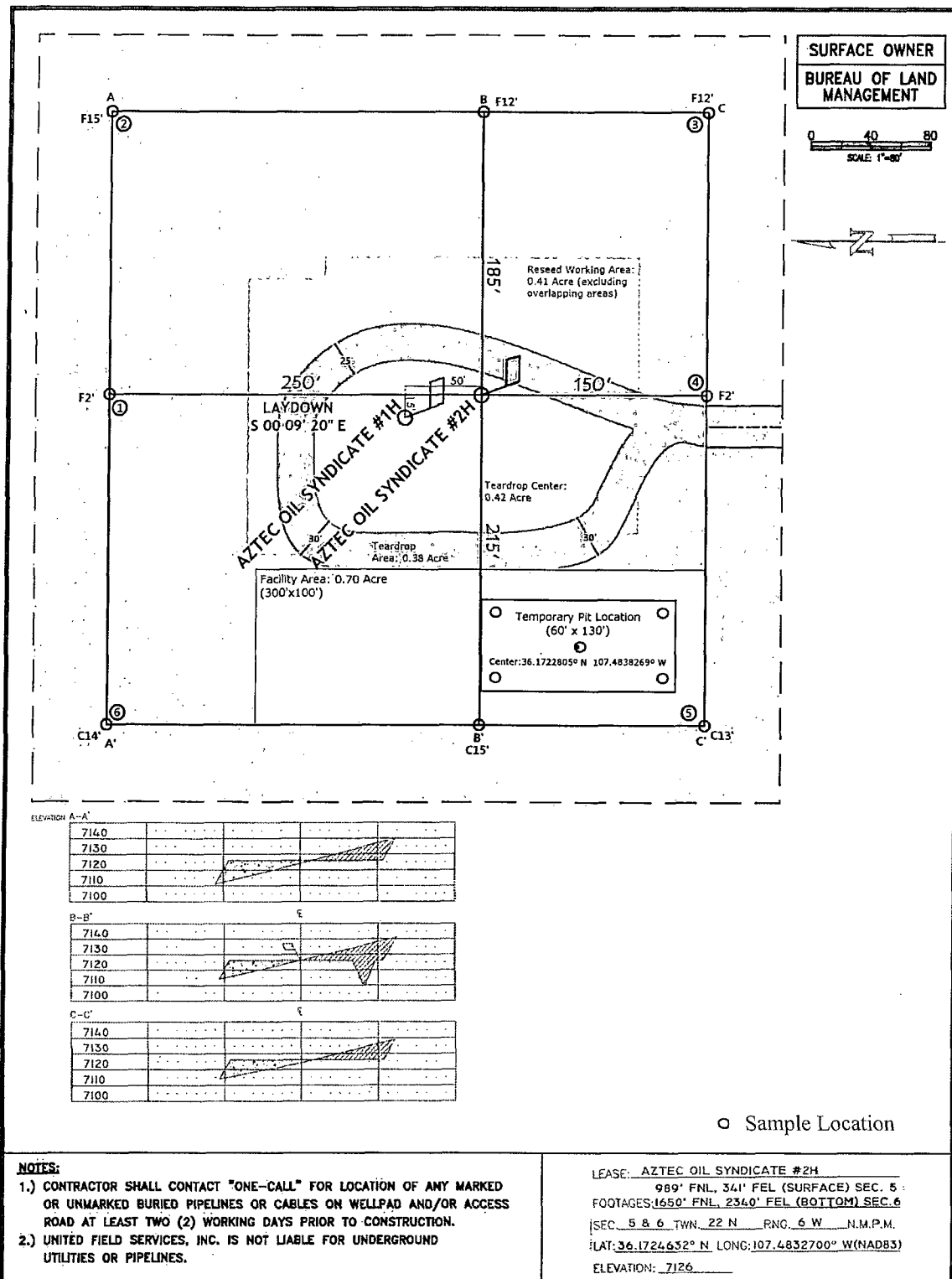
| 11 Bottom Hole Location If Different From Surface | | | | | | | | | |
|---|---------|----------|-------|--------|---------------|------------------|---------------|----------------|----------|
| 1/4 of the sec | Section | Township | Range | Lot 34 | Feet from the | North/South line | Feet from the | East/West line | County |
| 8 | 5 | 22N | 6N | 2 | 990 | NORTH | 2334 | EAST | SANDOVAL |

| | | | | |
|----------------------------|---|---------------|--------------------|-----------|
| *Conserved Acres 244.57 | N/2 N/2 - Section 5 N/2 NE/4 - Section 6 | *Unit or Unit | *Conservation Code | *Draw No. |
|----------------------------|---|---------------|--------------------|-----------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE
BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



| 1" OPERATOR CERTIFICATION | |
|--|------|
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or otherwise has a mineral interest in the land including the proposed bottom-hole location of the well to be drilled and that this location is not in a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order previously entered by the division. | |
| Signature Boatner Riley | Date |
| Printed Name Boatner Riley@wpenergy.com | |
| E-mail Address | |
| 2" SURVEYOR CERTIFICATION | |
| I hereby certify that the well location shown on this plat was obtained from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. | |
| Date Revised: SEPTEMBER 19, 2014 | |
| Date of Survey: MARCH 5, 2014 | |
| Signature and Seal of Professional Surveyor | |
| | |
| <p>JASON C. EDWARDS Certificate Number: 15269</p> | |





Analytical Report

Report Summary

Client: WPX Energy, Inc.
Chain Of Custody Number: 17861
Samples Received: 10/8/2014 3:05:00PM
Job Number: 04108-0136
Work Order: P410031
Project Name/Location: Aztec Oil Syndicate #1H
& 2H

Entire Report Reviewed By:

Date: 10/10/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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Ph (970) 259-0615 Ex (970) 259-1379



Page 1 of 9



WFX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Aztec Oil Syndicate #1H & 2H
Project Number: 04108-0136
Project Manager: Mark Heil

Reported:
10-Oct-14 13:10

Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|--------------------|---------------|--------|----------|----------|------------------|
| Below Cuttings Pit | P410031-01A | Soil | 10/08/14 | 10/08/14 | Glass Jar, 4 oz. |

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| | | |
|--|--|------------------------------|
| WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358 | Project Name: Aztec Oil Syndicate #1H & 2H Project Number: 04108-0136 Project Manager: Mark Heil | Reported: 10-Oct-14 13:10 |
|--|--|------------------------------|

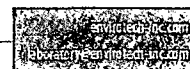
**Below Cuttings Pit
P410031-01 (Solid)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <u>Volatile Organics by EPA 8021</u> | | | | | | | | | |
| Benzene | ND | 0.10 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| Toluene | ND | 0.10 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| Ethylbenzene | ND | 0.10 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| p,m-Xylene | ND | 0.20 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| o-Xylene | ND | 0.10 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| Total Xylenes | ND | 0.10 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| Total BTEX | ND | 0.10 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| Surrogate: 4-Bromochlorobenzene-FID | | 103 % | | 50-150 | 1441023 | 10/08/14 | 10/09/14 | EPA 8021B | |
| <u>Nonhalogenated Organics by 8015</u> | | | | | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 10.0 | mg/kg | 1 | 1441023 | 10/08/14 | 10/09/14 | EPA 8015D | |
| Diesel Range Organics (C10-C28) | ND | 24.9 | mg/kg | 1 | 1441025 | 10/08/14 | 10/09/14 | EPA 8015D | |
| Surrogate: o-Terphenyl | | 66.6 % | | 50-200 | 1441023 | 10/08/14 | 10/09/14 | EPA 8015D | |
| Surrogate: 4-Bromochlorobenzene-FID | | 92.4 % | | 50-150 | 1441023 | 10/08/14 | 10/09/14 | EPA 8015D | |
| <u>Total Petroleum Hydrocarbons by 418.1</u> | | | | | | | | | |
| Total Petroleum Hydrocarbons | 83.9 | 35.0 | mg/kg | 1 | 1441037 | 10/09/14 | 10/09/14 | EPA 418.1 | |
| <u>Cation/Anion Analysis</u> | | | | | | | | | |
| Chloride | 23.4 | 9.92 | mg/kg | 1 | 1441027 | 10/08/14 | 10/08/14 | EPA 300.0 | |

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Page 3 of 9



WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name: Aztec Oil Syndicate #1H & 2H
Project Number: 04108-0136
Project Manager: Mark Heil

Reported:
10-Oct-14 13:10

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC %REC | Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---------------|-----------|--------|-------|-----------|-------|
| Batch 1441023 - Purge and Trap EPA 5030A | | | | | | | | | | |
| Blank (1441023-BLK1) Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | | | | | | | |
| Benzene | ND | 0.10 | mg/kg | | | | | | | |
| Toluene | ND | 0.10 | " | | | | | | | |
| Ethylbenzene | ND | 0.10 | " | | | | | | | |
| p,m-Xylene | ND | 0.20 | " | | | | | | | |
| o-Xylene | ND | 0.10 | " | | | | | | | |
| Total Xylenes | ND | 0.10 | " | | | | | | | |
| Total BTEX | ND | 0.10 | " | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 0.384 | | " | 0.399 | | 96.2 | 50-150 | | | |
| LCS (1441023-BS1) Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | | | | | | | |
| Benzene | 19.6 | 0.10 | mg/kg | 20.0 | | 98.2 | 75-125 | | | |
| Toluene | 19.7 | 0.10 | " | 20.0 | | 98.9 | 70-125 | | | |
| Ethylbenzene | 19.9 | 0.10 | " | 20.0 | | 99.5 | 75-125 | | | |
| p,m-Xylene | 40.3 | 0.20 | " | 39.9 | | 101 | 80-125 | | | |
| o-Xylene | 19.9 | 0.10 | " | 20.0 | | 99.7 | 75-125 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 0.405 | | " | 0.399 | | 102 | 50-150 | | | |
| Matrix Spike (1441023-MS1) Source: P410018-01 Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | | | | | | | |
| Benzene | 19.8 | 0.10 | mg/kg | 19.9 | ND | 99.2 | 75-125 | | | |
| Toluene | 19.9 | 0.10 | " | 19.9 | ND | 99.9 | 70-125 | | | |
| Ethylbenzene | 20.1 | 0.10 | " | 19.9 | ND | 101 | 75-125 | | | |
| p,m-Xylene | 40.7 | 0.20 | " | 39.9 | ND | 102 | 80-125 | | | |
| o-Xylene | 20.1 | 0.10 | " | 19.9 | ND | 101 | 75-125 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 0.407 | | " | 0.399 | | 102 | 50-150 | | | |
| Matrix Spike Dup (1441023-MSD1) Source: P410018-01 Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | | | | | | | |
| Benzene | 19.5 | 0.10 | mg/kg | 19.9 | ND | 97.9 | 75-125 | 1.34 | 15 | |
| Toluene | 19.6 | 0.10 | " | 19.9 | ND | 98.2 | 70-125 | 1.74 | 15 | |
| Ethylbenzene | 19.8 | 0.10 | " | 19.9 | ND | 99.3 | 75-125 | 1.32 | 15 | |
| p,m-Xylene | 40.2 | 0.20 | " | 39.9 | ND | 101 | 80-125 | 1.23 | 15 | |
| o-Xylene | 19.9 | 0.10 | " | 19.9 | ND | 99.6 | 75-125 | 0.983 | 15 | |
| Surrogate: 4-Bromochlorobenzene-PID | 0.414 | | " | 0.399 | | 104 | 50-150 | | | |

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| | | |
|--|--|------------------------------|
| WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358 | Project Name: Aztec Oil Syndicate #1H & 2H Project Number: 04108-0136 Project Manager: Mark Heil | Reported: 10-Oct-14 13:10 |
|--|--|------------------------------|

Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|-------------|---|---|-------------|------|-----------|-------|
| Batch 1441023 - Purge and Trap EPA 5030A | | | | | | | | | | |
| Blank (1441023-BLKI) | | | | | Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 9.97 | mg/kg | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-FID | 0.352 | | " | 0.399 | | 88.2 | 50-150 | | | |
| LCS (1441023-BSI) | | | | | Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | | |
| Gasoline Range Organics (C6-C10) | 279 | 9.98 | mg/kg | 291 | | 95.7 | 80-120 | | | |
| Surrogate: 4-Bromochlorobenzene-FID | 0.369 | | " | 0.399 | | 92.4 | 50-150 | | | |
| Matrix Spike (1441023-MSI) | | | | | Source: P410018-01 | Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | |
| Gasoline Range Organics (C6-C10) | 280 | 9.97 | mg/kg | 291 | ND | 96.3 | 75-125 | | | |
| Surrogate: 4-Bromochlorobenzene-FID | 0.370 | | " | 0.399 | | 92.8 | 50-150 | | | |
| Matrix Spike Dup (1441023-MSD1) | | | | | Source: P410018-01 | Prepared: 08-Oct-14 Analyzed: 09-Oct-14 | | | | |
| Gasoline Range Organics (C6-C10) | 276 | 9.97 | mg/kg | 291 | ND | 94.9 | 75-125 | 1.49 | 15 | |
| Surrogate: 4-Bromochlorobenzene-FID | 0.374 | | " | 0.399 | | 93.8 | 50-150 | | | |

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| | | |
|--|--|------------------------------|
| WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358 | Project Name: Aztec Oil Syndicate #1H & 2H Project Number: 04108-0136 Project Manager: Mark Heil | Reported: 10-Oct-14 13:10 |
|--|--|------------------------------|

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|-------------|---|------|-------------|------|-----------|-------|
| Batch 1441037 - 418 Freon Extraction | | | | | | | | | | |
| Blank (1441037-BLK1) | | | | | Prepared & Analyzed: 09-Oct-14 | | | | | |
| Total Petroleum Hydrocarbons | ND | 34.9 | mg/kg | | | | | | | |
| Duplicate (1441037-DUP1) | | | | | Source: P410031-01 Prepared & Analyzed: 09-Oct-14 | | | | | |
| Total Petroleum Hydrocarbons | 79.9 | 35.0 | mg/kg | | 83.9 | | | 4.83 | 30 | |
| Matrix Spike (1441037-MS1) | | | | | Source: P410031-01 Prepared & Analyzed: 09-Oct-14 | | | | | |
| Total Petroleum Hydrocarbons | 1940 | 34.9 | mg/kg | 2010 | 83.9 | 92.3 | 80-120 | | | |

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| | | |
|--|--|------------------------------|
| WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358 | Project Name: Aztec Oil Syndicate #1H & 2H Project Number: 04108-0136 Project Manager: Mark Heil | Reported: 10-Oct-14 13:10 |
|--|--|------------------------------|

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|---|---------------|------|-------------|-------|-----------|-------|
| Batch 1441027 - Anion Extraction EPA 300.0 | | | | | | | | | | |
| Blank (1441027-BLK1) | | | | Prepared & Analyzed: 08-Oct-14 | | | | | | |
| Chloride | ND | 9.94 | mg/kg | | | | | | | |
| LCS (1441027-BS1) | | | | Prepared & Analyzed: 08-Oct-14 | | | | | | |
| Chloride | 445 | 9.86 | mg/kg | 493 | | 90.2 | 90-110 | | | |
| Matrix Spike (1441027-MS1) | | | | Source: P410031-01 Prepared & Analyzed: 08-Oct-14 | | | | | | |
| Chloride | 491 | 9.92 | mg/kg | 496 | 23.4 | 94.2 | 80-120 | | | |
| Matrix Spike Dup (1441027-MSD1) | | | | Source: P410031-01 Prepared & Analyzed: 08-Oct-14 | | | | | | |
| Chloride | 493 | 9.87 | mg/kg | 494 | 23.4 | 95.1 | 80-120 | 0.411 | 20 | |

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| | | |
|--|--|------------------------------|
| WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358 | Project Name: Aztec Oil Syndicate #1H & 2H Project Number: 04108-0136 Project Manager: Mark Heil | Reported: 10-Oct-14 13:10 |
|--|--|------------------------------|

Notes and Definitions

| | |
|-----|--|
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |

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17861

Page 9 of 9
Sanjour reproduction 578123

NOTE: The Chaco 2206-05A #436H & #437H pit is missing inspection records for the following period of time: 9/2/2014 through 10/4/2014. (At this point in time, it was uncertain whether the closure for this pit was the responsibility of Logos or WPX.)

| Temporary Pit Inspection Form | | | | | | | | | | |
|-------------------------------|------------------------|-----------------|---------------------------|--------------------------------|--------------------------------|--|--------------------------------|-----------------------|--------------------------------|---------------------|
| Well Name: | Aztec Oil Syndicate 2H | Legals | Surface | Section: | 5 | Township: | 22N | Range: | 6W | |
| API No.: | 30-043-21227 | Rig Name #1: | Bottomhole | Section: | 6 | Township: | 22N | Range: | 6W | |
| | | Rig Name #2: | AD 222 | Start Date: | | End Date: | | | | |
| | | | | Start Date: | | End Date: | | | | |
| Inspector's Name | Inspection Date | Inspection Time | *Any liner breeches (Y/N) | **Any fluid seeps/spills (Y/N) | HC's on top of temp. pit (Y/N) | Temp pit free of misc. Solid Waste/D ebris (Y/N) | Discharge Line Integrity (Y/N) | Fence Integrity (Y/N) | Any Dead Wildlife/ Stock (Y/N) | Freeboard Est. (ft) |
| Richard Behrendt | 7/25/2014 | 16:00 | N | N | N | Y | Y | Y | N | 13 |
| Justin Bull | 8/14/2014 | 16:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/15/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/16/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Justin Bull | 8/17/2014 | 17:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/18/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/19/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/20/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/21/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/22/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/23/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/24/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/25/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/26/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/27/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/28/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/29/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/30/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 8/31/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 9/1/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| Richard Behrendt | 9/2/2014 | 8:00 | N | N | N | Y | Y | Y | N | 9 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

From: Johnny [johnny@adobecontractorsinc.com]
Sent: Monday, September 29, 2014 8:41 AM
To: Brandon Powell
Cc: Heil, Mark; Felix, Andrea; Riley, Heather; Granillo, Lacey; Higgins, Larry; Lepich, Mark
Subject: Notice of pit closure for WPX well Aztec Oil Syndicate #1H/2H

Brandon,
We will be closing this cuttings pit later this week. Please contact me should you have any questions or need additional information.

Thank you,

Johnny R. Stinson
General Manager
Adobe Contractors Inc.
Office: 505-632-1486
Fax: 505-632-9807
Mobile: 505-320-6076
johnny@adobecontractorsinc.com

From: Johnny [johnny@adobecontractorsinc.com]
Sent: Tuesday, October 07, 2014 7:44 AM
To: Brandon Powell
Cc: Heil, Mark; Felix, Andrea; Riley, Heather; Higgins, Larry
Subject: Soil sampling of cuttings pit on the WPX location Aztec Oil Syndicate #1H and 2H

Brandon, we will be taking soil samples of the area below the cuttings pit on this location tomorrow morning 10/8. We are doing a complete dig and haul on this pit of all cuttings and liner.

We will pull a 5 point composite sample of the area that was below the liner. Please let me know if you have any questions.

Thank you,

Johnny R. Stinson
General Manager
Adobe Contractors Inc.
Office: 505-632-1486
Fax: 505-632-9807
Mobile: 505-320-6076
johnny@adobecontractorsinc.com

NOTE: This surface owner notification did not comply with NMOCD's time requirement of 72 hours. This notification did not accurately reflect the work that took place under the management of WPX Energy.

From: Tamra Sessions
Sent: Wednesday, July 02, 2014 4:15 PM
To: Mark Kelly (mkelly@blm.gov)
Cc: Wayne Ritter (writter@logosresourcesllc.com); Kristina Graham (kgraham@logosresourcesllc.com)
Subject: Aztec Oil Syndicate 1H/2H_Surface Owner Notification for Temporary Pit 07-02-14

Aztec Oil Syndicate 1H and 2H
A, Section 5, T22N, R06W
Sandoval County

According to NMOCD rules, Logos Operating, LLC is notifying you, as the surface owner, that there will be a temporary pit on the subject well and that they intend to bury the drill cuttings in the reserve pit, assuming that they qualify as per Subsection D of 19.15.17.13 NMAC. No action is required on your part. If you have any questions, please do not hesitate to call me. Please let me know if I need to add anyone else to this notification.

Thank you,

Tamra Sessions
Logos Resources, LLC
Operations Technician
tsessions@logosresourcesllc.com
505-330-9333

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

SUBMIT IN TRIPLICATE - Other instructions on page 2.

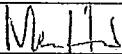
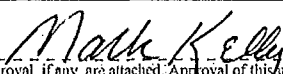
| | | |
|--|---|--|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NMNM-109387 |
| 2. Name of Operator WPX Energy Production, LLC | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address PO Box 640 Aztec, NM 87410 | 3b. Phone No. (include area code) 505-333-1806 | 7. If Unit of CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 939' FNL & 357' FEL, Sec 5, T22N, R6W BHL: 990' FNL & 2334' FEL, Sec 6 T22, R6W | | 8. Well Name and No. Aztec Oil Syndicate 1H |
| | | 9. API Well No. 30-043-21226 |
| | | 10. Field and Pool or Exploratory Area Lybrook Gallup |
| | | 11. Country or Parish, State Sandoval, NM |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

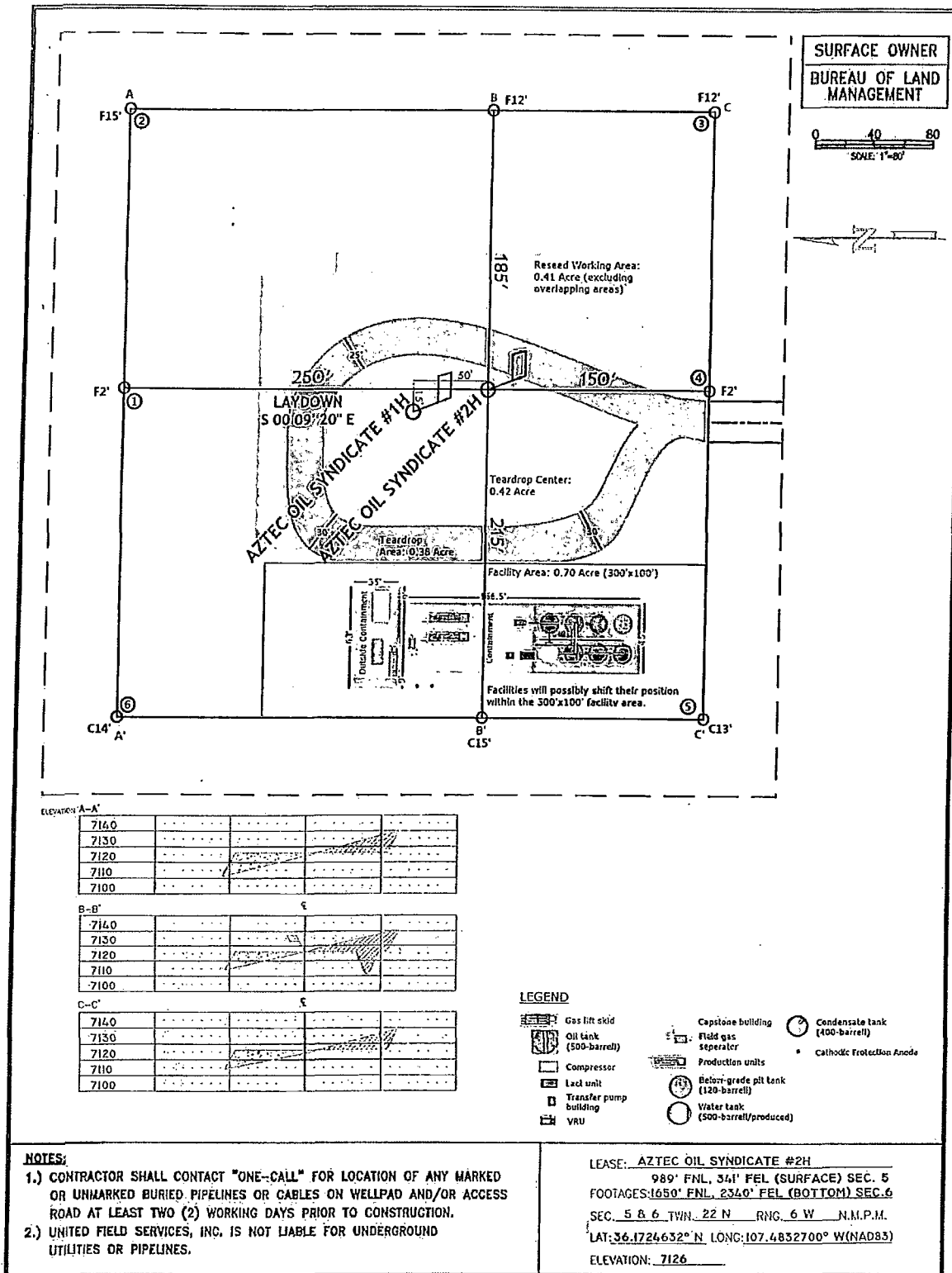
| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Equipment _____ |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | Placement _____ |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

WPX Energy wishes to change the equipment placement on this well pad as per attached drawing. This has been looked at in the field by Mark Lepich with WPX and Randy McKee with BLM. The Aztec Oil Syndicate 2H well also occurs on this well pad.

| | | | |
|--|--|-----------------------------|------------------|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Mark Hail | | Title Regulatory Specialist | |
| Signature  | | Date 9/23/14 | |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE | | | |
| Approved by  | | Title _____ | Date SEP 24 2014 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Office _____ | |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. | | | |
| (Instructions on page 2) | | | |

OPERATOR COPY



| | | |
|---|--|--|
| Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 | State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 | Form C-105 Revised August 1, 2011 |
| | | 1. WELL API NO. 30-043-21226 & 30-043-21227 |
| | | 2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN |
| | | 3. State Oil & Gas Lease No. NMNM109387 |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | |
| 4. Reason for filing: <input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) | | 5. Lease Name or Unit Agreement Name Chaco 2206-05A 6. Well Number: #436H and #437H |
| 7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER | | |
| 8. Name of Operator WPX Energy Production, LLC | | 9. OGRID 120782 |
| 10. Address of Operator PO Box 640 / 721 South Main Aztec, NM 87410 | | 11. Pool name or Wildcat Lybrook/Gallup |
| 12. Location | Unit Ltr | Section |
| Surface: | | |
| BH: | | |
| 13. Date Spudded | 14. Date T.D. Reached | 15. Date Rig Released 9/5/2014 |
| 16. Date Completed (Ready to Produce) | | 17. Elevations (DF and RKB, RT, GR, etc.) |
| 18. Total Measured Depth of Well | 19. Plug Back Measured Depth | 20. Was Directional Survey Made? |
| 21. Type Electric and Other Logs Run | | |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name | | |
| 23. CASING RECORD (Report all strings set in well) | | |
| CASING SIZE | WEIGHT LB./FT. | DEPTH SET |
| | | |
| | | |
| | | |
| 24. LINER RECORD | | 25. TUBING RECORD |
| SIZE | TOP | BOTTOM |
| | | |
| | | |
| | | |
| 26. Perforation record (interval, size, and number) | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |
| | | DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED |
| | | |
| | | |
| | | |
| 28. PRODUCTION | | |
| Date First Production | Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) | |
| | | Well Status (<i>Prod. or Shut-in</i>) |
| Date of Test | Hours Tested | Choke Size |
| | | |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate |
| | | |
| 29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) | | 30. Test Witnessed By |
| | | |
| 31. List Attachments | | |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. | | |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial: | | |
| Latitude 36.1722805 N Longitude 107.4838269 W NAD 1983 | | |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief | | |
| Signature | Printed Name: Mark Heil | Title: Regulatory Specialist Date: 12/11/2014 |
| E-mail Address: mark.heil@wpxenergy.com | | |

